

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"20050013444"	US-PGPUB; USPAT	OR	ON	2007/04/17 08:52
S1	612	(381/58.ccls.) or (381/60.ccls.)	US-PGPUB; USPAT	OR	ON	2006/12/20 09:01
S2	331	S1 and @ad<"20021129"	US-PGPUB; USPAT	OR	ON	2006/12/20 10:55
S3	2	US-5361305-\$.DID. OR US-5682134-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 09:35
S4	297	(381/59.ccls.)	US-PGPUB; USPAT	OR	ON	2006/12/20 09:43
S5	175	S4 and @ad<"20021129"	US-PGPUB; USPAT	OR	ON	2007/04/16 13:03
S6	25	("4603325"   "4743887"   "5042070"   "5108335"   "5164703").PN. OR ("5361305").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 10:19
S7	9	(S2 or S4) and (381/86.ccls.)	US-PGPUB; USPAT	OR	ON	2006/12/20 14:04
S8	1	"20050013444"	US-PGPUB; USPAT	OR	ON	2006/12/20 14:13
S9	1	"20030073408"	US-PGPUB; USPAT	OR	ON	2006/12/20 14:13
S10	286	(seal\$3 with speaker\$1) and (distort\$3 or nois\$2) and ("381"/\$. ccls.)	US-PGPUB; USPAT	OR	ON	2006/12/20 15:51
S11	207	S10 and @ad<"20021129"	US-PGPUB; USPAT	OR	ON	2006/12/20 15:51
S12	0	(seal\$3 with speaker\$1) same (distort\$3 or nois\$2) same ("381"/\$. ccls.)	US-PGPUB; USPAT	OR	ON	2006/12/20 15:24
S13	15	S11 and (tone with signal\$2)	US-PGPUB; USPAT	OR	ON	2006/12/20 15:52
S14	23	"5361305"	US-PGPUB; USPAT	OR	ON	2006/12/20 17:23
S15	1	"20050031136"	US-PGPUB; USPAT	OR	ON	2006/12/20 18:18
S16	4	(microprocess\$3 or process\$3) near (microphon\$1 and speaker\$1 and (output\$3 or (auxilliary near (output or input or (I/O)))))) and (("381"/\$. ccls.) or (700/94.ccls.))	US-PGPUB; USPAT	OR	ON	2007/03/31 09:49

## EAST Search History

S17	1571	((microprocess\$3 or process\$3) same (microphon\$2 and speaker\$1 and (output\$3 or (auxilliary near (output or input or (I/O)))) and (("381"/\$.ccls.) or (700/94.ccls.))	US-PGPUB; USPAT	OR	ON	2007/03/31 09:48
S18	804	((microprocess\$3 or process\$3) with (microphon\$2 and speaker\$1 and (output\$3 or (auxilliary near (output or input or (I/O)))) and (("381"/\$.ccls.) or (700/94.ccls.))	US-PGPUB; USPAT	OR	ON	2007/03/31 09:48
S19	23	((microprocess\$3 or process\$3) near (microphon\$1 and speaker\$1)) and (("381"/\$.ccls.) or (700/94.ccls.))	US-PGPUB; USPAT	OR	ON	2007/03/31 09:51
S20	1838	((microprocess\$3 or process\$3) same (microphon\$2 and speaker\$1)) and (("381"/\$.ccls.))	US-PGPUB; USPAT	OR	ON	2007/03/31 09:52
S21	240	((microprocess\$3 or process\$3) same (microphon\$2 and speaker\$1)) and ((381/56-60.ccls.))	US-PGPUB; USPAT	OR	ON	2007/03/31 10:20
S22	129	S21 and @ad<"20021129"	US-PGPUB; USPAT	OR	ON	2007/03/31 10:21
S23	230	((microprocess\$3 or process\$3) same (microphon\$2 and speaker\$1 and (input or output or (I/O)))) and ((381/56-60.ccls.))	US-PGPUB; USPAT	OR	ON	2007/03/31 10:21
S24	121	S23 and @ad<"20021129"	US-PGPUB; USPAT	OR	ON	2007/03/31 10:21
S25	1595	((microprocess\$3 or process\$3) same (microphon\$2 and speaker\$1 and (input or output or (I/O)))) and (("381"/\$.ccls.))	US-PGPUB; USPAT	OR	ON	2007/03/31 10:21
S26	1052	S25 and @ad<"20021129"	US-PGPUB; USPAT	OR	ON	2007/03/31 10:22
S27	1183	(381/56-59.ccls.)	US-PGPUB; USPAT	OR	ON	2007/04/09 10:04
S28	1396	(381/104-109.ccls.)	US-PGPUB; USPAT	OR	ON	2007/04/09 10:05
S29	744	(S27 or S28) and ((monitor\$3 or evaluat\$3 or supervis\$3 or track\$3 or assess\$3 or examin\$3) with (sound\$1 or signal\$1))	US-PGPUB; USPAT	OR	ON	2007/04/09 10:55
S30	738	S29 and (@ad<"200211129")	US-PGPUB; USPAT	OR	ON	2007/04/09 10:08
S31	548	S29 and (@ad<"20021129")	US-PGPUB; USPAT	OR	ON	2007/04/09 10:56

## EAST Search History

S32	193	S31 and (microphone\$1 and speaker\$1)	US-PGPUB; USPAT	OR	ON	2007/04/09 10:42
S33	868	(S27 or S28) and ((monitor\$3 or evaluat\$3 or supervis\$3 or track\$3 or assess\$3 or examin\$3 or analyz\$3) with (sound\$1 or signal\$1))	US-PGPUB; USPAT	OR	ON	2007/04/09 10:55
S34	630	S33 and (@ad<"20021129")	US-PGPUB; USPAT	OR	ON	2007/04/09 10:59
S35	1	"20020097881"	US-PGPUB; USPAT	OR	ON	2007/04/09 14:19
S36	1	"20050013444"	US-PGPUB; USPAT	OR	ON	2007/04/09 14:19
S37	1183	(381/56-59.ccls.)	US-PGPUB; USPAT	OR	ON	2007/04/09 15:16
S38	1396	(381/104-109.ccls.)	US-PGPUB; USPAT	OR	ON	2007/04/09 15:16
S39	868	(S37 or S38) and ((monitor\$3 or evaluat\$3 or supervis\$3 or track\$3 or assess\$3 or examin\$3 or analyz\$3) with (sound\$1 or signal\$1))	US-PGPUB; USPAT	OR	ON	2007/04/09 15:16
S40	630	S39 and (@ad<"20021129")	US-PGPUB; USPAT	OR	ON	2007/04/09 18:10
S41	1396	(381/104-109.ccls.)	US-PGPUB; USPAT	OR	ON	2007/04/09 18:11
S42	1183	(381/56-59.ccls.)	US-PGPUB; USPAT	OR	ON	2007/04/09 18:11
S43	80	(S41 or S42) and ((external or outside) with (analysis or analyz\$3 or test\$3))	US-PGPUB; USPAT	OR	ON	2007/04/09 18:14
S44	58	S43 and @ad<"20021129"	US-PGPUB; USPAT	OR	ON	2007/04/09 18:12
S45	7	(S44) and ((external or outside) adj (analysis or analyz\$3 or test\$3))	US-PGPUB; USPAT	OR	ON	2007/04/09 18:14
S46	637	(381/58.ccls.) or (381/60.ccls.)	US-PGPUB; USPAT	OR	ON	2007/04/16 13:03
S47	339	S46 and @ad<"20021129"	US-PGPUB; USPAT	OR	ON	2007/04/16 16:37
S48	1	"20030161482"	US-PGPUB; USPAT	OR	ON	2007/04/16 13:09
S49	2	("6118877"   "6134329").PN. OR ("7058182").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/16 13:32

## EAST Search History

S50	9	("5404407"   "5721783"   "5799095"   "6088465"   "6175635"   "6229900"   "6236731").PN. OR ("6556686").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/16 14:40
S51	0	((auxiliar near (input and output)) same (port\$1) ) and ("381"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2007/04/16 14:45
S52	0	((auxiliar near (input and output)) same (port\$1) )	US-PGPUB; USPAT	OR	ON	2007/04/16 14:44
S53	92	((auxiliary near (input and output)) same (port\$1) )	US-PGPUB; USPAT	OR	ON	2007/04/16 14:57
S54	25119	L8\ and ("381"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2007/04/16 14:45
S55	1	S53 and ("381"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2007/04/16 14:58
S56	81	S53 and @ad<"20021129"	US-PGPUB; USPAT	OR	ON	2007/04/16 14:45
S57	72205	((auxiliary near (input and output)) or (I/)) same (port\$1) )	US-PGPUB; USPAT	OR	ON	2007/04/16 14:57
S58	44494	((auxiliary near (input and output)) or (I/O)) same (port\$1) )	US-PGPUB; USPAT	OR	ON	2007/04/16 14:57
S59	9	((auxiliary near (input and output)) and (I/O)) same (port\$1) )	US-PGPUB; USPAT	OR	ON	2007/04/16 14:58
S60	8	S59 and @ad<"20021129"	US-PGPUB; USPAT	OR	ON	2007/04/16 14:58
S61	28	(US-20040008850-\$ or US-20010041602-\$ or US-20020186857-\$ or US-20030073408-\$ or US-20040001602-\$ or US-20030081796-\$ or US-20030064746-\$ or US-20030063736-\$ or US-20020159608-\$ or US-20020076066-\$ or US-20020172372-\$ or US-20040203494-\$ or US-20030161482-\$ or US-20020176584-\$).did. or (US-6957134-\$ or US-5809152-\$ or US-6805633-\$ or US-6744882-\$ or US-6968064-\$ or US-7092531-\$ or US-6950525-\$ or US-5400011-\$ or US-7177432-\$ or US-5361305-\$ or US-5844983-\$ or US-6636750-\$ or US-5790671-\$ or US-6556686-\$). did.	US-PGPUB; USPAT	OR	ON	2007/04/16 15:01
S62	0	S61 and (auxiliary near (I/O))	US-PGPUB; USPAT	OR	ON	2007/04/16 15:01

## EAST Search History

S63	131	S47 and ((process\$3 or microprocess\$3) with (stor\$3 or memory or RAM or ROM))	US-PGPUB; USPAT	OR	ON	2007/04/16 17:24
S64	1	"20030064746"	US-PGPUB; USPAT	OR	ON	2007/04/17 08:52